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PAT-NO: JP356095934A

DOCUMENT-IDENTIFIER: JP 56095934 A

TITLE: PRODUCTION OF INK-RETAINING POROUS MATERIAL

PUBN-DATE: August 3, 1981

INVENTOR-INFORMATION:

NAME

AOKI, JUNJIRO
SHIMAZAKI, KIMIYOSHI
KOMORI, YOSHIHISA

ASSIGNEE-INFORMATION:

NAME	COUNTRY
FUJI KAGAKUSHI KOGYO CO LTD	N/A

APPL-NO: JP54172656

APPL-DATE: December 28, 1979

INT-CL (IPC): C08J009/02, B41F031/26

ABSTRACT:

PURPOSE: To produce an ink-retaining porous material suitable for ink rolls, ink pads, etc., by a method wherein an ink is added to a blend consisting of a room temp. expandable liquid urethane prepolymer and a modifier to obtain a liquid compsn. in which each component is uniformly dispersed, and the liquid compsn. is expanded and cured at room temp.

CONSTITUTION: A room temp. expandable liquid urethane prepolymer composed of a component A consisting of an isocyanate component and a glycol component (e.g. polyester type or polyether type) and a component B consisting of a glycol component, a blowing agent, a catalyst and a stabilizer, is blended with a modifier (e.g. a thermoplastic elastomer, a room temp. crosslinkable solid rubber or a reactive monomer) in a weight ratio of the prepolymer to the modifier of 80:20~95:5. Then 50~75pts. ink (pref. an ink prepd. by using a fatty oil as a vehicle and adding a coloring agent, a dispersant, etc. to the vehicle to form a paste) is added to 25~70pts. above blend to obtain a liquid compsn. which is then injected into a mold. Then the compsm. is expanded and cured at room temp.

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No. 1 Methyle

DERWENT-ACC-NO: 1981-68661D

DERWENT-WEEK: 198138

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TITLE: Porous material contg. ink - obt. by mixing foamable urethane! prepolymer and ink, introducing into mould and moulding

PATENT-ASSIGNEE: FUJI KAGAKU SHIKOGYO KK[FUJC]

PRIORITY-DATA: 1979JP-0172656 (December 28, 1979)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 56095934 A	August 3, 1981	N/A	008	N/A
JP 83055175 B	December 8, 1983	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 56095934A	N/A	1979JP-0172656	December 28, 1979

INT-CL (IPC): B41F031/26, C08J009/02

ABSTRACTED-PUB-NO: JP 56095934A

BASIC-ABSTRACT:

Porous matter contg. ink in its fine pores is produced by pouring (1) liq. compsn. produced by mixing and dispersing homogeneously (a) room temp.-foaming liq. urethane prepolymer, (b) modifier for (1), and (2) ink into (3) a mould. The liq. compsn. is then foamed and cured.

(a) pref. comprises (A) mixt. of isocyanate component (e.g. tolylene diisocyanate, diphenylmethane diisocyanate) and polyester and/or polyether type glycol component and (B) the mixt. of polyether and/or polyester type glycol component (mol. wt. 2000-6000), foaming agent (pref. the mixt. of water and fluorocarbon foaming agent), catalyst and stabiliser. (b) is e.g. thermoplastic elastomer, room temp.-curing solid rubber, reactive liq. rubber. The amt. of (b) added pref. satisfies the ratio 80:20-95:5 in (a) to (b). The amt. of (3) used is 50-75 pts. to 25-70 pts. of (a) and (b) in total.

The prod. is used as an ink roll or pad.

TITLE-TERMS: POROUS MATERIAL CONTAIN INK OBTAIN MIX FOAM POLYURETHANE PREPOLYMER INK INTRODUCING MOULD MOULD

DERWENT-CLASS: A25 A84 P74

CPI-CODES: A11-B06A; A12-D05; A12-S02; A12-W07F;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0004 0010 0211 0216 0218 0224 0229 0231 1294 1296 1297 1758 1762
1766 2020 2064 2148 2152 2198 2280 2305 2306 2330 2332 2441 2443 2446 2447 2493
2511 2537 2539 2545 2585 2653 2763 2814

Multipunch Codes: 011 03- 032 038 04- 040 150 209 210 231 239 240 262 301 318
333 342 344 346 357 359 392 394 42- 431 44& 448 449 456 473 475 476 49- 491 493
575 582 583 589 595 641 659 687 720

PAT-NO: JP404112460A

DOCUMENT-IDENTIFIER: JP 04112460 A

TITLE: LITHIUM SECONDARY BATTERY

PUBN-DATE: April 14, 1992

INVENTOR-INFORMATION:

NAME
SATO, KENJI
NOGUCHI, MINORU
DEMACHI, ATSUSHI
MIYASHITA, KOICHI

ASSIGNEE-INFORMATION:

NAME	COUNTRY
HONDA MOTOR CO LTD	N/A

APPL-NO: JP02228083

APPL-DATE: August 31, 1990

INT-CL (IPC): H01M010/40

ABSTRACT:

PURPOSE: To fabricate easily a laminate type lithium battery of thin form and large area by forming a gel form electrolyte in which a sheet-shaped highpolymer bridged body is impregnated with electrolytic substance, and interposing this gel form electrolyte between a neg. electrode active substance consisting of Li or Li alloy and a pos. electrode active substance.

CONSTITUTION: A gel form electrolyte 3 in which a sheet-shaped highpolymer bridged body is impregnated with electrolytic substance is interposed between a Li alloy neg. electrode 2 and a pos. electrode active substance 4, and they are pinched by stainless steel plates 1 serving as well a case as an electricity collector, followed by sealing with a seal material 5. Examples of the sheet-shaped highpolymer bridged body consist in polyurethane series and polyacrylonitrile series. In the case of polyurethane series, the mean molecular weight of polyol as crude material shall preferably be 1500-4000, and as diisocyanate, a diphenylmethane-diisocyanate of aromatic type is favorable. Molding using this type of gel electrolyte facilitates assembly even in case a thin and large area Li secondary battery is to be fabricated.

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DERWENT-ACC-NO: 1992-236870

DERWENT-WEEK: 199229

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TITLE: Lithium sec. battery - has gel electrolyte comprising sheet of high molecular bridge between cathode active material of lithium@ (alloy) and anode active material
NoAbstract

PATENT-ASSIGNEE: HONDA MOTOR CO LTD[HOND]

PRIORITY-DATA: 1990JP-0228083 (August 31, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04112460 A	April 14, 1992	N/A	004	H01M 010/40

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 04112460A	N/A	1990JP-0228083	August 31, 1990

INT-CL (IPC): H01M010/40

ABSTRACTED-PUB-NO:

EQUIVALENT-ABSTRACTS:

TITLE-TERMS: LITHIUM SEC BATTERY GEL ELECTROLYTIC COMPRISE SHEET HIGH MOLECULAR
BRIDGE CATHODE ACTIVE MATERIAL LITHIUM@ ALLOY ANODE ACTIVE MATERIAL
NOABSTRACT

DERWENT-CLASS: A85 L03 X16

CPI-CODES: A12-E06; L03-E01B5; L03-E01C;

EPI-CODES: X16-B01F1;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-106514
Non-CPI Secondary Accession Numbers: N1992-180290